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Design & Technology Religious Education	Art & Design	Herat for Life	History	Geography	Arabic	Physical Education	French	English	Computing	Maths	Science	A Guide to Using your Knowledge Organisers
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## What is a knowledge organiser?

have thought about **the most important key vocabulary, diagrams, information, and ideas that you need** to know to understand each topic and have summarised them on one A4 sheet of paper for you. The organiser easy to use and to understand. information has been organised into clear tables, diagrams or key points to make the knowledge In this booklet you will find knowledge organisers for every subject you study at Madani. Your teachers

# How will Knowledge organisers help you?

each lesson. This means that you are thinking about these key ideas many times as you study the topic. you are studying, so that you can think about how these ideas are linked to what you are learning in other ideas within a topic. People remember what they have learned by thinking about it offen, and by linking key knowledge to This will make it easier to remember what you have learned and add new knowledge each lesson Your knowledge organisers include the key information and ideas for the topic

up with the activities you need to complete independently. include the key ideas from the lesson you missed. This will make it much easier to understand and catch Your knowledge organisers are also useful if you have been absent because the knowledge organiser will

### How can you use your knowledge organisers?

## explained below: There are many activities that you can do using your knowledge organisers. Try some of the ones

- Homework: Your teachers may assign homework linked to your knowledge organisers to help you understand the new information more clearly understand key terms and ideas from the topic. This will help you prepare for your next lesson and
- Independent Research: You could do your own research to learn more about the key ideas included in your booklet
- Creating more revision and learning tools: You can use the information on your knowledge organiser to sections for information - just like a clock) by starting with the main ideas from your knowledge organiser and adding all the specific detail you remember from your lessons to the different sections organiser and creating your mind-map or Round the Clock sheet (like the one shown below with 12 of your mind-map or Round the Clock Diagram. create mind-maps or revision clocks. You can do this by taking the key ideas from the knowledge





# They are great for revision and testing your level of knowledge:

- Test yourself. Because knowledge organisers include the key information and ideas for each topic, you knowledge organiser and see if you were correct. organiser and testing yourself to see what you remember. Then uncover the information on your can use them to help you revise for tests. You can self-quiz by covering sections of the knowledge
- See how well you know the topic: Turn your knowledge organiser over and create a mind-map or write ganiser and check to see if your information is correct of if there is anything that you missed. Revise it and make sure you will remember more the next time. everything you know about the topic on a blank piece of paper. Then turn over the knowledge or-
- Create your own quizzes: Use the knowledge organiser to write your own set of questions based on the you will be able to next time. Try to answer the questions each week and see if you are able to reif you can remember the answers. Make sure you revise anything that you couldn't answer so that member more each time. information included. Once you have a set of questions, turn the knowledge organiser over and see
- Create your own flashcards. For example, you could write the key terms from your knowledge organiser on one side of the card and the definition on the other. Then use the cards to quiz yourself.
- Many of the key ideas you need to know for exams are on the mind-map. If it is included on the tested on an exam in some way. knowledge organiser your teacher thinks it is important for you to know it and you can expect it to be

It is important to remember that knowledge organisers don't include all the information that you need to know – only the main ideas. You can use them to help you remember the detail from your lessons.

# How can your parents/carers use knowledge organisers to help you learn?

- Read through the organiser with someone in your family and explain the information included in the next time. know helps you to understand the key ideas more clearly and helps you remember them more easily and then answer any questions your family member might have. knowledge organiser to them. Make sure you use examples and provide as much detail as you can, Teaching someone else what you
- Ask your family to test or quizyou on the information included in the knowledge organiser. You to do this regularly and keep track of what you remember to see if you improve each time. You should try
- ₽ Sk your family to read out sections of the knowledge organiser to you, but to miss out key words or piec es of information and see if you can fill in the key terms or knowledge.
- Ask your family to test you regularly on the spellings of key words until they are perfect. Make a note the ones that you spell incorrectly to make sure that you know them next time. <u>q</u>









### MADANI GIRLS SCHOOL YEAR 7 HALF TERM 3

### SCIENCE

Animal S	Sexual Reproduction	Rej	productive Organs	Be	coming Pregnant	Gestatio	on & Birth
Offspring	The new organisms produced by reproduction.	Testes Scrotum	Where sperm cells are made. Bag of skin containing the	Sexual Intercourse	The erect penis is inserted into the vagina.	Gestation Period	The time from fertilisation until birth.
Sexual Reproduction Gametes Sperm Faa	Reproduction that needs two parents to produce offspring. Sex cells Gamete that males make Gamete that females make	Sperm Duc Glands	testes. Sperm travels through here after leaving the testes. Fluids are added to the sperm- it is now called semen	Ejaculatior Route the sperm	Semen is pumped out of the urethra. Vagina $\rightarrow$ sucked up through cervix $\rightarrow$ uterus $\rightarrow$ oviduct $\rightarrow$	Foetus	When an embryo develops a full set of organs we call it a foetus (around 8 weeks).
Fertilisation	Sperm enters an egg cell and nuclei fuse forming a fertilised egg cell.	Urethra	The tube the semen leaves the body through.	takes	meets egg cell If fertilisation occurs the cell starts to divide forming an	Ultrasound Scans	Produce images of foetus to check for problems.
External Fertilisation	The sperm and egg cell meet outside of the body. e.g. fish	Female	e Reproductive System	on	embryo which will then sink into the uterus lining. The woman is now pregnant.	Harm to Baby	Alcohol, drugs, cigarette smoke and viruses can pass through placenta and
Internal Fertilisation	Ine sperm and egg cell meet inside the body. Large numbers of eggs are		-ovary uterus cervix bladder urethra vagina	Amniotic Fluid	Watery fluid to protect growing embryo / foetus. Bag containing the amniotic	Premature	harm foetus. Baby born small and early.
Fertilisation	washed away. The parents don't look after their young.	Egg Cell	A jelly coat makes sure flat only one sperm cell can enter.	Amnion	fluid. Allows oxygen, food and water to be passed from mother's	Labour	The act of giving birth. 1. contractions start and cervix
Using Internal Fertilisation	because sperm is more likely to reach egg. The parents usually look after their young.	Αααρτατικ	The cytoplasm contains a stored energy for the fertilised egg celt. nucleus	Placenta	blood into embryo's blood. Waste materials (like carbon dioxide) pass from embryo's blood into mother's blood.		<ul> <li>begins to widen.</li> <li>amnion breaks and amniotic fluid la guess</li> </ul>
Male Re	eproductive System	Puberty	egg cells in female start to mature.	Umbilical Cord	Carries the embryo's blood to and from the placenta.	Stages of Giving Birth	vagina. 3. cervix at 10cm,
	glands urethra sperm duct foreskin testis	Sex Hormo	Grow Released by brain, to	ing Up	start puberty		contractions pushes baby through
Sperm Cell A	Adaptations	Changes to During Pub	o Boys Voice deepens, shou erty sperm produced.	lders widen, h	air grows, testes/ penis grow,		4. Umbilical cord cut.
shape attac allow	x the outside of the egg cell. This vs the sperm cell to burrow inside. nucleus The tail allows it to swim	Changes to During Pub	o Girls Breasts develop, hair erty	grows, hips wi	den, ovaries start to release eggs.	Afterbirth	passed out of the vagina- end of labour.
Long spiral-shaped mitochondrion can releas lots of energy for the tail. Puberty Spo	hen males start to produce erm cells.	Menstrual (	Days 1-5: uterus lining Days 6-14: egg cell st Cycle (ovulation) Days 14+: egg cell sw again.	lost from bod arts to mature ept towards u	ly (menstruation) and is released around day 14 uterus, if not fertilised cycle starts	Mammary Glands	Produces milk for babies- contains nutrients and antibodies to protect from disease



### SCIENCE

	Energy From Food		F	uels		Using Resources
Energy c s	Needed to live, helps us to grow and repair our bodies, move and keep warm. Food is a source of energy.	Fuel Nuclear	A substance tha nuclear energy t Used in nuclear	t contains a store of chemical or hat can easily be transferred. oower stations to generate	Fossil Fuel Advantages	Cheap compared to the others and convenient to use in cars/vehicles.
Joule A Kilojoule 1 Diet T	A unit for measuring energy. 1000J = 1kJ The food that a person eats.	Fuels Uranium	electricity. A radioactive m nuclear fuel.	etal that can be used as a	Fossil Fuel Disadvantages	Non-renewable Releases polluting gases when burnt.
Weight T Balanced E	The amount of force with which gravity pulls hings- measured in Newtons (N).	Generate	To produce elec	tricity.	Nuclear Advantages	No polluting gases generated.
Diet t Nutrients S	hings that the body needs. Substances needed from food.	Fossil Fuels Coal	organisms over r A fossil fuel mad	nillions of years. e from the remains of plants.	Nuclear Disadvantages	Non-renewable Very expensive
En	ergy transfers and stores When energy is moved from one store into	Oil	A fossil fuel mad microscopic dec in the sea.	e from the remains of ad plants and animals that lived	Renewable Advantages	Dangerous waste materials No polluting gases Renewable
Forces	another. A push, pull or twist and a type of energy transfer.	Natural Gas	A fossil fuel mad microscopic dec in the sea.	e from the remains of ad plants and animals that lived	Renewable Disadvantages	Most not available all the time and only available in specific locations.
Electricity Stored	A way of transferring energy through wires. When energy is captured within an object and can be moved to another store by	Renewable Renewable	An energy resou cannot renew o An energy resou	rce that will run out because we ur supplies of it. rce that will never run out (such	Climate Change	Fossil fuels are making the earth warmer due to the carbon dioxide given off when they are burnt.
Chemical Energy	energy transfers. Energy stored in chemicals (such as food, fuel and batteries)	Biofuels	A fuel made from A substance that	n plants or animal droppings. t contains a store of chemical or	Efficiency	How much of the energy transferred by a machine is useful.
Kinetic Energy	Energy stored in moving things.	Hydrogen	nuclear energy t Can be used as oxygen from the	hat can easily be transferred. a fuel by combining with gir to produce electricity.	Using Less Fossil Fuels	Using efficient appliances, insulating homes, public transport/walking/cycling
Thermal Energy	Energy stored in hot objects.			Other Ene	rgy Sources	
Strain	Energy stored in stretched or squashed objects. Also called elastic potential	Solar Power		Generating electricity using energ	gy from the Sun.	
Energy	energy. Energy stored in objects in high places that	Solar Panel		Flat plats that use energy from the	e Sun to heat water.	
al Potential	can fall down.	Solar Cell		Flat panels that use energy transf	erred by light from th	e Sun to produce electricity.
Energy Nuclear	Energy stored inside materials (also called	Solar Power	Station	A large power station using the Su	un to heat water to n	nake steam which then generates electricity.
Energy	atomic energy).	Wind Turbine	Э	Generates electricity using energ	y transferred from the	e wind.
Law of Conservati	created or destroyed, only transferred from	Hydroelectri	c Power	Electricity generated by moving v	water turning turbine:	s and generators.
on of Energy	one store to another.	Geothermal	Power	Electricity generated using heat f	rom rocks undergrou	nd.



### MATHS





Instructions

data

Computer:

### MADANI GIRLS SCHOOL YEAR 7 HALF TERM 3

### COMPUTING







### COMPUTING



### **Computer Peripherals**

**Computer Peripherals** are devices that allow input or retrieval of information.

**Input devices** allow a user to enter information into a computer, e.g., text is types, voices are recorded and images are scanned.

**Output devices** display results after processing of information/data.

### **Measuring Computer Performance**

CPU performance is measured in clock speed (Hertz),

i.e. number of fetch-decode-execute-cycles the computer is able process/second. RAM performance is measured by speed( Hertz) and how much it can store (bytes). Hard drive performance is measured by how much it can store( bytes).

### Bits, bytes, and prefixes Unit conversions



Content extracted from the Teach Computing Curriculum by the National Centre for Computing Education: <u>https://teachcomputing.org/</u> <u>curriculum/key-stage-3/computing-</u> <u>systems</u>



### ENGLISH

### Macbeth—William Shakespeare Terminology

Ambitious: A strong determination to achieve something Manipulative: Being able to influence or control a situation Prophecy: A prediction of what will happen in the future Supernatural: Something beyond the understanding of science or

nature i.e. magic

**Noble:** Belonging to the aristocracy

Soliloguy: Speaking your thoughts out loud regardless of the listener **Regicide:** The action of killing a King



### **Themes**

- Ambition
- Good Vs Evil
- Appearance Vs Reality
- Order Vs Chaos
- The Supernatural
- Loyalty and Betrayal



### **Key Quotations**

### Context

### About William Shakespeare :

Shakespeare (1564—1616) is considered by many to be the greatest strong political theme throughout, with and influential writers of the English language having written famous plays terrible consequences. Shakespeare such as Romeo and Juliet and Macbeth. He is credited with introducing nearly 3,000 words to the are said to be the second most often quoted after the Bible.

### Historical context about the play:

Written in 1606, Macbeth contains a the idea that excessive ambition has enjoyed a close relationship with King James I and it is thought that in focusing on Macbeth as a figure from English language. In addition, his works Scottish history, he was paying homage to the King's lineage.

### MACBETH

- "Fair is foul and foul is fair" Act 1 Scene 1
- "Look like the innocent flower, but be the serpent under 't." Act 1, Scene
- "Yet do I fear thy nature, It is too full o' th' milk of human kindness" Act 1, Sc.5
- "Is this a dagger which I see before me?" Act 2, Scene 1
- "Double, double toil and trouble; Fire burn, and cauldron bubble." Act 4, Sc.1
- "Here's the smell of the blood still. All the perfumes of Arabia will not sweeten this little hand."
- "Out, damned spot! Out, I say!" Act 5, Scene 1



### FRENCH

### Learning Objectives

By the end of the
term, I can
communicate (talk,
ask and answer)
about:
<ul> <li>My family</li> </ul>
<ul> <li>School subjects</li> </ul>
<ul> <li>Your friends</li> </ul>

Your home

I will be able to understand and apply rules about:
Present tense avoir and être
Pronoms le, la, les
Possessive adjectives
Adjectives agreement
Connectives
Comparatives

**Grammar Objectives** 

### School

l'anglais	English
les arts plastiques	Art
l'EPS	Sport
le français	French
la géographie	Geography
l'histoire	History
les maths	Mathematics
la musique	Music
les SVT (sciences de la vie et de la terre)	Science
la technologie	Technology
Ma matière préférée, (c')est	My favourite subject is
j'adore (ça)	I love (it/that)
j'aime (ça)	I like (it/that)
ça va	it's OK
je n'aime pas (ça)	I don't like (it/that)
je déteste (ça)	I hate (it/that)
C'est	It's
créatif/ennuyeux/inutile/ passionnant/nul/ relaxant/utile	creative/boring/pointless/ exciting/rubbish/ relaxing/useful
C'est plus/moins intéressant que	It's more/less interesting than

Frie	ends
J'ai un/une meilleur(e) ami(e).	I've got a best friend.
Je n'en ai pas.	I don't have one/any.
J'ai une grande bande de copains.	I have a big group of friends.
Je le/la/les connais depuis	I have known him/her/ them
un an/deux ans.	for one/two years.
que je suis petit/bébé.	since I was small/a baby
toujours.	always
l'école primaire.	since primary school

Fo	amily
J'habite avec	I live with
J'ai qui s'appelle/ s'appellent	I have who is/are called
l/elle s'appelle	he/she is called
lls/elles s'appellent	they are called
e l'appelle	I call him/her/it
Je n'ai pas de	I don't have a
Je n'ai plus de	I don't have a any longer.
séparés/divorcés	separated/divorced
adoptif	adoptive
Je suis fils/fille unique.	I am an only child.
une mère/belle-mère	mother/step-mother
un père/beau-père	father/step-father
des parents	parents
maman/papa	mum/dad
une sœur/demi-sœur	sister/half-/step-sister
un frère/demi-frère	brother/half-/step-brother
des grands-parents	grandparents

### **Opinions & Connectives**

À mon avis,	In my opinion,
Je pense que	I think that
On dit que	People say that
parce que / car	because
et	and
mais / par contre	but / on the other hand

### **Describing Personality**

Tu es comment?	What are you like?
Je suis quelqu'un de (d')	I am a(n) person.
je suis/je ne suis pas	I am/I am not
tu es/tu n'es pas	you are/you are not
il/elle est	he/she is
un peu/assez/très	a bit/quite/very
actif	active
adorable	adorable
amusant	funny
bavard	chatty/talkative
courageux	brave
créatif	creative
fidèle	faithful
généreux	generous
gentil	kind
heureux	happy
intelligent	intelligent
méchant	horrible
sociable	sociable
sportif	sporty
timide	timid/shy
travailleur	hard-working
	-



### FRENCH

I am a bit shy.

I am intelligent. I am not sociable.

I am not funny.

My family is nice.

My family is big.

and two sisters. No, I don't have

only one child.

sisters.

Yes, I have one brother

brother and sister. I am

I live with my dad, my

mum and my three

My brother called...

No, I don't like school.

My sister called...

Yes, I like school.

I prefer Maths and

Yes, I love French

Because it is very interesting.

My best friend is loyal.

My best friend called...

When I was little, I was

Sciences.

lazy.

				Ke	y Gran	nmar					Model Text
Verbe	Etre /	to be	(present		Ve	rbe Avoir /	to have (pre	esent te	ense)	Tu es comment ?	Je suis un peu timide. Je suis intelligent.
tense) Je suis Tu es /	;/lan /you (	n are			J'a    Tu (      /e	ii /I have as /you ha elle/on a / I	ve He-she has			Tu es comment ?	Je ne suis pas sociable. Je ne suis pas amusant(e).
II/elle/ Nous s	on es somm	t / He-s es / we	she is e are		No Vo	us avons / us avez / Y	we have ou have			Comment est ta famille ?	Ma famille est sympa. Ma famille est grande.
lls/elle	es sont	/ they	are				ley nove			Tu as des frères et sœurs ?	Oui, j'ai un frère et deux sœurs. Non io n'ai nas do
le, la, les							masculine	femi	nine		frère et sœur. Je suis
Le, la, les 'her' and '	mean ' 'them'	the' but	they can a	also m	iean 'him',	je suis	amusant	amus	sante		fils/fille unique.
Mon mei	lleur	Je <b>le</b> d	connais	I have	e known		intelligent	intell	igente	Avec qui habites-tu ?	J'habite avec mon
ami s'app	pelle	depuis	<u>s trois ans</u> .	him	for three		bavard	bava	rde	Comment s'annelle ton	père, ma mère et mes trois sœurs
Baptiste.		lela	connais	<u>years</u>	l. e known		actif	activ	e	frère/ta sœur ?	Mon frère s'appelle
amie s'ap	pelle	depuis	<u>s six ans</u> .	her f	or six		créatif	créat	ive		Ma sœur s'appelle
Emmelin	e.	-		years	l		sportif	sport	ive	Tu aimes l'école ?	Oui, j'aime l'école.
Mes meil	leurs nellent	Je les	connais dix ans	I have	e known for ten		courageux	coura	ageuse	Quelles matières préfères-tu ?	l'école.
Jeanne e	t Luc.	<u>uepu</u> .	<u>5 un uns</u> .	years			paresseux	pares	sseuse		Je préfère les maths et
Making co	omparis	sons				]	travailleur	trava	illeuse	Tu simon la Francia 2	les sciences.
Use plus (i	more) o	r moins	(less) in fror	nt of ac	diectives to		sociable	socia	ible	Pourquoi ?	Oui, j'adore le Français
make com	nparisor	is betwe	en subjects.	it of ut			timide	timid	le		Car c'est très
le	C'est	plus	intéressant	que	l'anglais	-	adorable	adora	able		intéressant.
français,		P		4	. a. igiaio	Possessiv words that	e adjectives a at describe wi	ne the	hat	Comment est ton/ta meilleur(e) ami(e) ?	Mon/ma meilleur(e) ami(e) est loyal(e).
L'anglais,	C'est	moins	intéressant	que	le français.	somethin masculin	g (or someor ne feminine	plural	ngs to.	Comment s'appelle ton/ta meilleur(e) ami(e) ?	Mon/ma meilleur(e) ami(e) s'appelle
pas ça.						mon ton	ma ta	mes tes	my your	Comment étais-tu petit(e) ?	Quand j'étais petit(e) i'étais paresseux(se)



### PHYSICAL EDUCATION

### **Gymnastics**

### Hand:

- Perform a mixture of balances and rolls
- Sequencing

### Head:

- To plan 3 balances.
- To plan a sequence of balances and rolls (complex and simple sequences)

### Heart:

• Demonstrate communication when working in a pair/group.





### Badminton

### Hand:

- Serves low and short, high and deep,
- Clear shot forehand and backhand; attacking and defending; overhead and underarm
- Drop shot
- Drives shot forehand, backhand
- Smash

### Head:

- Appropriate choice of shot in relation to the situation
- Application of skills/techniques and tactics: movement, pressure, deception, serving
- Appropriate choice of length, height, speed
- Adhering to the rules and health and safety guidelines

Heart:

Officiating other games

### **Basketball**

### Hand:

- Passing (chest/bounce/overhead)
- Dribbling (use of both hands, change of direction, pace)
- Shooting
- Rebounding and stopping (jump stop/stride stop)

### Head:

- Decision making
- Adhering to the rules (half-court defence, out of bounds)
- Attacking and defending
- 1 v 1 situations

### Heart:

- Ability to influence the performance and motivation of self and others
- Impact of communication and teamwork during a game





### ARABIC

### **Shapes**



### Colours

Colours in their feminine form

black

سه داء

بيضاء

blue

زَرْقَاءُ

صفراء

yellow

brown

، سیمی بنیة

رَ ماديَّةٌ

grey

**Body Part Names** 





violet

purple

### Colours in their masculine form



### **A Nominal Sentence**

### الجُمْلَة الإسْمِيَّة

Is a sentence that begins with a noun السم. It has two parts: the subject المُبْتَدأ and the predicate الخَبَر.

- \* The Subject will always be Definite (will (آڭ begin with
- \* While the Predicate will always be Indefinite (will only take a Tanween)

\* When the Subject and the Predicate come together, they form a full sentence.

الخَبَر	المُبْتَدَأ	الجُمْلَة
جَدِيْدَة	السَّيَّارَة	السَّيَّارَة جَدِيْدَة.
		_

Translation: The car is new

### **Numbers**

	Fem.	Masc.	
1	وَاحِدَةٌ	واحد	١
2	اثْنَتَان	اثْنَان	۲
3	ثَلاَثَةٌ	ثَلاَثٌ	٣
4	أربعة	أربع	٤
5	خَمْسَةٌ	خَمْسٌ	٥
6	ستة	ست و	٦
7	سَبْعَةٌ	سبع	٧
8	ثَمَانِيَةٌ	ثُمَان	٨
9	تسعة	تِسْعٌ	٩
10	عَشَرَةٌ	عَشْرٌ	۱.

### **Asking Questions**

So far, we have learnt how to ask `What is	مَا؟ using the word?			
To ask `Who is?' we use the word $\dot{\rvert}$	à			
مَنْ ذَلِكَ؟ (masculine) who is that? (masculine)	مَنْ هَذا؟ (masculine) Who is this? (masculine)			
مَنْ تِلْكَ؟ (feminine) Who is that?	مَنْ هَذَه؟ (feminine) Who is this?			
and ، which are written at the beginning of a مَلْ as 'Is this?' in Arabic. e.g. Is this a pen?	sentence, are two ways of asking questions such (هَلْ هَذَا قَلَمٌ ؟ or أَهَ			
Note how $f$ becomes part of the following word, bu	t هُلْ is written separately.			
In order to answer this type of question, we need to le	arn the words for 'yes' and 'no' in Arabic:			
Yes = نَعْم and no = ۷.				
Note also the shape of the question mark in Arabic: $ m \ensuremath{\mathfrak{S}}$				

### Feminine Nouns Masculine Nouns رأسٌ شعرة \$ 0, body head em? hai eye عين \$0 , \$0 , face وجه د م أذن chest صدر ذراع ear arm أنف بَطْنٌ stomach nose \$ , شفةٌ يد lip hand 3 -ذراعٌ arm cheek خد رجْلٌ 3 tooth سن كَتفُّ 2 mouth shoulder م قَدَمٌ لسكانٌ tongue مرْفَقٌ لسكانٌ elbow tongue ا كْيَةً \$,0, \$ , 0 ذقَنَ forehead knee جنهة chin wrist mees \$ \$\$ إبْهامٌ Note that many (though not all) of the parts of thumb neck عنق the body that occur in pairs are feminine ظَهْرٌ \$ 10 back finger إصبع

### Friends & Family

نَادِيَة	اسمها	ن خت	. لِي ا	حَسَن	اسْمِي
م سف	وو و مه يو	. اسْ	طَوِيلٌ	رَجُلٌ ه	أَبِي ا
، . بَتِي .	تَشْفَى مَدْرَ سَ	الْمُسْ	، مُعَلِّمًا	طَبِيبُ	وَهُوَ ه أُمْ
ري .	مِيلَةٌ.	عي وَجَ	ڝؘيرة	، عِي مُرَأَةٌ قَ	ر سي هِيَ ا
	5		ب. مود	هَا زَيْنَ	اسم
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### GEOGRAPHY

### **Rivers**

A river is a movina body of water that flows from its **source** on high ground, across land, and then into another body of water, which could be a **lake**, the **sea**, an ocean or even another river.

### Flooding

A flood occurs whenever a river overflows its banks. A flood becomes a problem when the water rises to a level where it threatens property and/or life. Rivers usually flood due to a range of physical factors, which can be divided into climatic factors and drainage basin characteristics. Human intervention can also make flooding worse



### **EROSION** where rocks are worn away and the land changes shape

- **TRANSPORTATION** where eroded material is carried by the river downstream
- **DEPOSITION** where transported material is dropped when the river loses energy, such as when it enters the sea

**Key Words** 

CAUSE

EFFECT

RESPONSE

MEANDER

### **River Processes**







### Hydrological Cycle

### LONG PROFILE **CROSS PROFILE** V-SHAPED VALLEY WATERFALL **OXBOW LAKE** FLOODPLAIN



### HISTORY

### Topic

### **Medieval Religious Beliefs**

### Monks

Monks are men that decided to devote their whole lives to God. They left their families, homes and possessions and moved into a Monastery as a Monk. Monks first arrived in England in the sixth century when Saint Augustin a Benedictine monk, built the first Monastery.

A Monk's life was not an easy one. They could not be married, ate very simple food and worked hard and their lives were dominated by prayer; every three hours; day & night!

were often built next to

books or manuscripts.

be supported otherwise



**Monasteries** 

Monasteries were the buildings which were devoted to God where monks lived. Nuns lived in similar buildings called nunneries. The monastery also included a library and were one of the few places where people could read and write. They also looked after the sick and the poor and provided work for people in the community



### Was The Church Ce

Evidence that the Church was not central to people's lives Some people went on pilgrimages for non-religious reasons. Sometimes they hoped to make money and sometimes they just wanted adventure The Crusaders could steal and loot from the Holy Lands. Some Crusaders acted violently towards the people in the Holy Lands There were some people who did not have a strong Christian faith. Near the end of the Medieval period some people began to question the church's teachings.	entral To Peoples Lives?		
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	) /	question the church's teachings.	

		Key Terms
	Роре	Leader of the Catholic church. People believed the Pope was chosen by God and so was infallible (Could not make mistakes)
	Archbishop	The head of the church in England. Had the power to crown kings and run the church courts
	Bishops	Officials who helped the archbishop run the Catholic church
	Parish Priest	Led individual churches in small communities
	Excommunicate	When the archbishop or the Pope banned someone from the Catholic church. If you were excommunicated, people believed you could not go to heaven
s	Latin	The language that was used for church sermons (talks) and for the bible
JS	Pilgrimage	A long journey, usually to an important religious site
id d	Doom painting	A large painting in a medieval church, usually showing scenes from Heaven, Hell and the Afterlife
	Crusade	Expedition (long trip) made to take back the Holy Lands, especially Jerusalem, from the Muslims
e	Relic	An object thought to have religious importance, like a cross owned by a saint
e	Relic Purgatory	An object thought to have religious importance, like a cross owned by a saint The place where a sinner goes before his or her soul is allowed to enter Heaven
e d	Relic Purgatory Mass	An object thought to have religious importance, like a cross owned by a saint The place where a sinner goes before his or her soul is allowed to enter Heaven An important religious ceremony for Catholics
e d	Relic Purgatory Mass Superstition	An object thought to have religious importance, like a cross owned by a saint The place where a sinner goes before his or her soul is allowed to enter Heaven An important religious ceremony for Catholics A belief based on magic and the unknown, like good and bad luck





### **HEART FOR LIFE**

Looking After Ourselves-Key words			
Puberty	The physical changes through which a child's body matures into an adult.		
Adolescence	Following the onset of puberty during which a young person develops from a child into an adult.		
Hormones	Essential for every activity of life, including the processes of digestion, metabolism, growth, reproduction, and mood control.		
Mental Health	Our emotional, psychological, and social well- being. It affects how we think, feel, and act. It also helps determine how we handle stress, relate to others, and make choices.		
Emotional Health	A person's ability to accept and manage feelings through challenge and change.		
Self Esteem	An individual's evaluation of their own worth, beliefs about oneself as well as emotional states, such as triumph, despair, pride, and shame.		
Body confidence	How a person feels about the way they look. When we have body confidence we accept, and are happy with, how we look and what our bodies can do.		
Healthy lifestyle	A state of complete physical, mental, and social well-being.		
Peer pressure	Peer pressure is the direct influence on people by peers, or the effect on an individual who gets encouraged to follow their peers by changing their attitudes, values or behaviours to conform to those of the influencing group or individual. This can result in either a positive or negative effect, or both.		

### Vhat Skills will I Develop in Heart for Life?

Each lesson will have opportunities to develop your skills through a variety of learning activities, ranging from:

- Thinking skills
- Enquiry and evaluation skills
- Research skills
- Debate and communication skills
- Active learning.
- Reflective learning skills.
- Personalised learning skills.
- Revision and recall.





### Students will explore the different stages of puberty and changes during adolescence. They will consider how puberty impacts their emotional and mental health, how they can cope with hormonal changes and maintain a healthy lifestyle throughout their adolescence. Students will also look at strategies to maintain positive self esteem and body confidence through puberty and hormonal changes.

**Overview** 

### Key Concepts

Relationships, Living in the Wider World and Health and Wellbeing.

### Essential Attributes Developed Through Life Skills.

- Self -Improvement
- Resilience
- Self-organisation
- Clarifying own values
- Developing and maintaining a healthy self concept
- Empathy and compassion
- Respect for others
- Skills for employability
- enterprise skills



### **ART & DESIGN**

### **Bicycle Project-Learning Objectives**

- To understand key elements of BICYCLE drawings and paintings
- To understand and explore drawing techniques taking inspiration from different artists including Rosina Wachtmeister, Elizabeth Frazer and Dolan Geiman
- To explore and use studied techniques in colour, paint and colour layering
- To understand layout and relationship of parts and elements of the bicycle
- To explore and understand bicycles in different cultures around the world
- To understand the history of the bicycle
- To explore areas of drawing with shapes, sizes, sections and proportions
- To explore and refine drawing and collage techniques
- To understand and explore areas of dark, light, shadow, tone and line
- To research and be aware of world cultural differences and similarities
- To understand bicycles in sculpture, museums and street art

### Content

- Students will be taught about health and safety, the colour wheel, primary, secondary and tertiary colours, drawing techniques.
- Students will be taught about pencil drawn techniques, colours, colour layering, non perspective and abstract drawing.
- Students will be taught how to analyse images and paintings, using their skills with oracy, class discussion and written work.
- Students will talk about and discuss the strengths and areas of development of their own work through ORAL, written, self and peer assessment.
- Students will explore visual ideas and themes which involve bicycles
- Students will create personalised work taking inspirations from a range of artists and photographers.
- Students will study the works of the artists Holly Wells, Carina Di Bella, Rosina Wachmeister, Elizabeth Frazer, Jeffery B. Gribble, Dolan Geiman, Art & China at the Guggenheim Museum, Ai Weiwei, Linda Apple
- Students will complete a final piece at the end of this unit.

### Key Words

Pattern , cycles, bicycles, wheels, handles, close up, weddings, abstract, paintings, depth, content, detail, background, middle ground, foreground, crayons, colour, colour mixing, saddle, seat, Morocco, New Zealand, London, India, chain, pedal, Linda Apple, Rosina Wachtmeister, Venice, crank arm, floral, decoration, Tour de France, paints, multi coloured, collage, colour layering, Guggenheim Museum, bicycle parking.



















### HONESTY | EXCELLENCE | ACCOUNTABILITY | RESPECT | TEAMWORK

### Images



### **DESIGN & TECHNOLOGY**

### **Bags for Life**

Students will use a variety of specialist fabric paints and crayons to create a bag for life.

### Objectives

- To develop an interesting and complex pattern using simple shapes.
- To design and make a decorative bag for life.
- To understand how to use fabric decorating media.

### Content

Students will learn about the six Rs relating to the consumption and usage of textiles. Students will design a contrasting pattern using only circles and stripes. They will then use fabric media to transfer their work onto a bag for life, selecting the correct materials for each section and showing an understanding of how to work with that media, to create different effects. The bags will be heat-

sealed to prevent fading of the media when washed.

### Key words

Design, make, contrasting, texture, pattern, shape, form, colour, complex, decoration, media, heat- sealed. Reuse, recycle, repair, rethink, refuse, reduce.







### **RELIGIOUS EDUCATION**

Торіс	Jesus As The Messiah	Christianity	
Christianity: • Beliefs • Worship • Practice	Messiah is a Hebrew word meaning 'anointed one'. Christians believe that Jesus is the Messiah because through his crucifixion and resurrection h e brought salvation to humankind.	Beliefs	While there are many different types of Christians, the majority of Christians share the same basic beliefs. All Christians believe in one God, and most also believe that Jesus was God's son sent to Earth in human form. Jesus was put to death but was resurrected and ascended to heaven. Christians believe that the events of Jesus's life are important and that people should follow his teachings.
	God gave his only son, Jesus, so that all humans could be saved	Holy Book	The Christian holy book is the Bible, which means 'books' as it is a collection of many different books gathered together into a single volume. The Christian Bible is divided into the Old and New Testaments. The Old Testament was written before the birth of Jesus and is based on ancient Jewish scriptures called the Tanakh. In Protestant Christianity, there are 39 Old Testament books, with 46 in Catholicism
Key Words			
<ul> <li>Jesus</li> <li>Church</li> <li>Messiah</li> <li>Bible</li> </ul>	Jesus was a perfect human - he had no sin	Worship	Many Christians worship in special buildings such as churches or chapels, and Christian worship can be different depending on the denomination.
<ul> <li>Trinity</li> <li>Saviour</li> </ul> Jesus As The Son Of God	God placed all of humanity's sins on Jesus when he was crucified Jesus' actions meant that there was a	Symbol	The cross is the symbol of Christianity. Jesus Christ was executed by the Romans and died by being crucified on a wooden cross. Christians remember his death and resurrection by wearing crosses. Sometimes crosses will have a figure of Jesus on them. These are called crucifixes.
Most Christians believe that Jesus, as well as being fully human, is also fully God. Most Christians believe that Jesus is the second person of the Holy Trinity and is the Son of God.	Jesus' death atoned for human sin As a result of Jesus' sacrifice, humans now have the possibility of going to Heaven	Denominations	Christians share many beliefs, but they don't all agree on everything. This has resulted in the development of different groups within the religion called denominations. Examples of these include Anglican, Methodist, Baptist and Catholic. Different Christian denominations worship in different ways. Anglicans, Catholics and Orthodox Christians have a set form of worship. It is a formal ritual based around the sacraments, particularly Holy Communion.

### MADANI SCHOOLS FEDERATION

